## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query  | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|------------------------------|---------------------|---------|---------------------|
| S1   | 1    | ("2006/0023786").URPN.  | USPAT                        | ADJ                 | ON      | 2009/06/12<br>14:00 |
| S2   | 5    | ("20020131502"  <br>"5640822"   "5717470"  <br>"6275527"   "6442204").<br>PN.   | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/12<br>16:37 |
| S3   | 304  | heisler.in.   | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/15<br>15:09 |
| S4   | 11   | ("4591909"   "5347311"  <br>"5394196"   "5440346"  <br>"5488430"   "5510839").<br>PN. OR ("5650822").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ                 | ON      | 2009/06/15<br>15:10 |
| S5   | 3284 | (background and foreground) with (pixel or pel)   | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:26 |
| S7   | 6    | ("20020168091"  <br>"5768413"   "6008865"  <br>"6195458"   "6404925"  <br>"6625310").PN.  | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:41 |
| S8   | 6378 | (panoramic or mosaic)<br>near4 image  | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:44 |
| S9   | 93   | S5 and S8   | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:44 |
| S10  | 1    | "5926190".pn.   | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:54 |
| S11  | 13   | ("20020071034"  <br>"4550435"   "5339092"  <br>"5907626"   "5926190"  <br>"6075905"   "6181805"  <br>"6233008"   "6415062"  <br>"6687301"   "6771834"  <br>"6819796"   "7006686").<br>PN. | US-PGPUB;<br>USPAT           | ADJ                 | ON      | 2009/06/16<br>11:56 |
| S12  | 0    | ("2003/0108238").URPN.  | USPAT                        | ADJ                 | ON      | 2009/06/16<br>12:31 |

| S13 | 13    | ("20020071034"   "4550435"   "5339092"   "5907626"   "5926190"   "6075905"   "6181805"   "6415062"   "6687301"   "6771834"   "6819796"   "6838360"   "7006686"   "7023447").PN. | USPAT              | ADJ | ON | 2009/06/16<br>12:32 |
|-----|-------|---|--------------------|-----|----|---------------------|
| S14 | 2     | S13 not S11   | USPAT              | ADJ | ON | 2009/06/16<br>12:32 |
| S15 | 1     | "6560371".pn.   | USPAT              | ADJ | ON | 2009/06/16<br>16:15 |
| S16 | 11627 | "L1" near3 distance   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:23 |
| S17 | 3     | S9 and S16  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:23 |
| S18 | 37    | S8 and S16  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:23 |
| S19 | 1053  | (median and mean) with pixel  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:46 |
| S20 | 8766  | (panoramic or mosaic)<br>with image   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:47 |
| S21 | 56    | S19 and S20   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:47 |
| S22 | 10    | S21 and S5  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:47 |
| S23 | 146   | (panoramic or mosaic) and<br>S5   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:58 |
| S24 | 12    | S19 and S23   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:58 |
| S25 | 2     | S24 not S22   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:58 |
| S26 | 3501  | median with pixel   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:58 |
| S27 | 15    | S23 and S26   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>18:59 |
| S28 | 18    | S23 and median  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>19:04 |
| S29 | 9     | S23 and "L1"  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>19:10 |
| S30 | 38    | S23 and warp\$3   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/06/16<br>19:12 |

| S31 | 13     | ("20020071034"  <br>"4550435"   "5339092"  <br>"5907626"   "5926190"  <br>"6075905"   "6181805"  <br>"6233008"   "6415062"  <br>"6687301"   "6771834"  <br>"6819796"   "7006686").<br>PN. OR ("7277580").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/16<br>19:19 |
|-----|--------|--|------------------------------|-----|----|---------------------|
| S32 | 13     | ("20020071034"   "4550435"   "5339092"   "5907626"   "5926190"   "6075905"   "6181805"   "6415062"   "6687301"   "6771834"   "6819796"   "7006686"   "7023447"). PN. OR ("7257252"). URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/16<br>19:20 |
| S33 | 1      | S32 not S31  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/16<br>19:20 |
| S34 | 45205  | reference near4 plane  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:08 |
| S35 | 3284   | (background and foreground) with (pixel or pel)  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:08 |
| S36 | 146    | (panoramic or mosaic) and \$35   | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:08 |
| S37 | 6      | S36 and S34  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:08 |
| S38 | 136681 | reference near4 (plane or image)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:11 |
| S39 | 72     | S36 and S38  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>12:11 |
| S41 | 22     | ("5778098"   "6088392"  <br>"6205260"   "6249613"  <br>"6256409"   "6259828"  <br>"6411326").PN. OR<br>("6977664").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/17<br>15:25 |

| S42 | 56    | ("4525858"   "4928252"   | US-PGPUB;                    | ADJ | ON | 2009/06/17          |
|-----|-------|--|------------------------------|-----|----|---------------------|
|     |       | "5034986"   "5040067"   "5187754"   "5258837"   "5325449"   "5339104"   "5363476"   "5410644"   "5412436"   "5416606"   "5475431"   "5559334"   "5633683"   "5642166"   "5649032"   "5686956"   "5692063"   "5699129"   "5703651"   "5706367"   "5715005"   "5719628"   "5748789"   "5754233"   "5781184"   "5781788"   "5787203"   "5790199"   "5802220"   "5821943"   "588666"   "5847762"   "5867166"   "5886743"   "5917949"   "5929915"   "5933535"   "5946043"   "5991444"   "5999662"   "6393163").PN. OR | USPAT;<br>USOCR              |     |    | 16:19               |
| S43 | 6897  | ("L1" or city?block or<br>manhattan) near3<br>distance   | USPAT                        | ADJ | ON | 2009/06/17<br>17:38 |
| S44 | 17    | S35 and S43  | USPAT                        | ADJ | ON | 2009/06/17<br>17:38 |
| S45 | 92    | S43 with pixel   | USPAT                        | ADJ | ON | 2009/06/17<br>17:52 |
| S46 | 4     | (panoramic or mosaic) and<br>S45   | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>17:52 |
| S47 | 16562 | overlap\$4 near4 pixel   | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>18:50 |
| S48 | 373   | S35 and S47  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>18:50 |
| S49 | 26    | (panoramic or mosaic) and S48  | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>18:51 |
| S50 | 7     | ("6301382"   "6556704"  <br>"6577679"   "6625310"  <br>"6870945"   "6873723").<br>PN. OR ("7016411").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/17<br>19:02 |
| S51 | 0     | S47 same (mean and<br>median and (max or<br>maximum))  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/17<br>19:12 |
| S52 | 792   | S47 same (mean or<br>median or max or<br>maximum)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/17<br>19:13 |

| S53         | 83    | S52 and S35                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/17<br>19:13 |
|-------------|-------|---|------------------------------|-----|----|---------------------|
| S54         | 6     | (panoramic or mosaic) and<br>\$53                 | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/17<br>19:13 |
| S56         | 70510 | (overlap\$4 or "same")<br>near4 pixel             | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/18<br>11:35 |
| S57         | 24    | S56 same (mean and median and (max or maximum))   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:36 |
| S58         | 5196  | S56 same (mean or<br>median or max or<br>maximum) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:41 |
| S59         | 3291  | (background and foreground) with (pixel or pel)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/18<br>11:42 |
| S60         | 206   | S58 and S59                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:42 |
| S61         | 17    | (panoramic or mosaic) and \$60                    | US-PGPUB;<br>USPAT           | ADJ | ON | 2009/06/18<br>11:42 |
| S62         | 1865  | pixel same (mean and<br>median)                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:46 |
| S63         | 74    | S56 and S59 and S62                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:46 |
| S64         | 1054  | pixel with (mean and median)                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:47 |
| <b>S</b> 65 | 60    | S56 and S59 and S64                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:47 |
| S66         | 11971 | pixel with mean                                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:49 |
| S67         | 3505  | pixel with median                                 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:49 |
| S68         | 560   | S66 with S67                                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:49 |
| S69         | 16    | S56 and S59 and S68                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:49 |
| S70         | 10708 | (mean with median)                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:55 |

| S71 | 40   | S56 and S59 and S70   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>11:55 |
|-----|------|---|------------------------------|-----|----|---------------------|
| S72 | 560  | mean with median with pixel   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>12:00 |
| S73 | 27   | S56 same S72  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/18<br>12:00 |
| S74 | 1    | "6320978".pn.   | USPAT                        | ADJ | ON | 2009/06/19<br>14:10 |
| S75 | 1    | "6983082".pn.   | USPAT                        | ADJ | ON | 2009/06/19<br>14:10 |
| S76 | 9    | ("5469536"   "5706417"  <br>"6084979").PN. OR<br>("6320978").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>14:19 |
| S77 | 23   | ("20020122589"   "20020186314"   "20030012448"   "20030103057"   "20030202120"   "5894309"   "6044180"   "6124864"   "6148113"   "6160907"   "6166744"   "6313842"   "6519360"   "6538396"   "6552731"   "6564108"   "6628298"   "6628830"   "6657637"   "6685326").PN. OR ("6983082").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>14:23 |
| S78 | 20   | ("20020122589"   "20020186314"   "20030012448"   "20030103057"   "20030202120"   "5894309"   "6044180"   "6124864"   "6148113"   "6160907"   "6160907"   "6166744"   "6313842"   "6519360"   "6538396"   "6552731"   "6564108"   "6628298"   "6628298"   "6628830"   "6657637"   "6685326").PN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>14:26 |
| S79 | 0    | S78 not S77   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:07 |
| S80 | 2603 | (generat\$4 or creat\$4)<br>near3 (panoramic or<br>mosaic)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:08 |

| S81 | 5100 | pixel same distance same<br>(mean or average)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:08 |
|-----|------|--|------------------------------|-----|----|---------------------|
| S82 | 67   | S80 and S81  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:08 |
| S83 | 10   | S82 and median   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:08 |
| S84 | 19   | ("5469536"   "5568401"  <br>"5706417"   "5963201"  <br>"6052124"   "6081269"  <br>"6084979").PN. OR<br>("6348918").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:21 |
| S85 | 9    | ("5469536"   "5706417"  <br>"6084979").PN. OR<br>("6320978").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:22 |
| S86 | 2    | S85 not S84  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:22 |
| S87 | 39   | S82 and (max or maximum)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:39 |
| S88 | 6    | S83 and S87  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/06/19<br>15:39 |

## 1/21/2010 2:58:46 PM

C:\ Documents and Settings\ jpontius\ My Documents\ EAST\ Workspaces\ 10535634.wsp